

Welding & Cutting Solutions

JEI
Solutions
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Built for Industry

In partnership
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STEELBEAST®

Shaping the way you work with steel

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STEEL BEAST® MINI SPIDER

FILLET WELDING TRACTOR

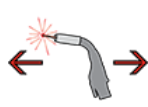


The Mini Spider is a battery-powered welding tractor designed to produce continuous fillet welds using MIG/MAG torches. The torch can be easily swapped from one side of the Mini Spider to another, enabling the operator to weld the entire workpiece from end to end. The 4-wheel drive system and permanent magnetic base provide powerful traction and smooth travel, whereas the feedback loop ensures highly efficient speed stabilisation.

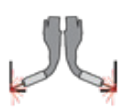
A digital speed readout ensures the repeatability of the weld procedure and produces weld bead geometry that is exact to the required specifications, reducing costly over-welding and substantially decreasing filler metal usage. CAS LiHD battery delivers enough power for handling even the toughest applications with no cables.



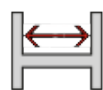
Continuous welding



Horizontal speed
0–110 cm/
min



Torch placement
on either
side



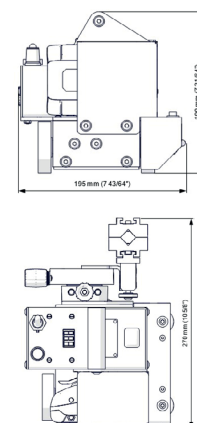
Welding in
narrow
spaces



Weight
6.6 KG

Features and Benfits

- The closed-loop speed control system stabilises travel speed, enabling uniform heat input to produce consistently high-quality welds.
- The compact and lightweight design facilitates welding in narrow spaces.
- Convenient 18 V DC battery supply (the same battery for both Mini Spider and Gecko Battery).
- Digital LED display for presetting of travel speed and diagnostic messages.
- Low-battery indicator.
- Torch placement on either side.
- Welding edge to edge (e.g. welding of stiffeners for bridge structures).



New battery pack control system:

- Too low and too high voltage.
- Too low and too high temperature.
- Failure of the temperature sensor.
- Internal battery failure.

Benefits:

- Over discharge protection.
- Extended battery life.
- High level of safety for both tractor and operator.

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STEELBEAST®

GECKO BATTERY

MOBILE WELDING TRACTOR

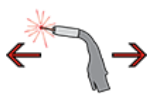


The GECKO BATTERY is a battery-powered trackless welding tractor designed to produce continuous butt and fillet welds using MIG/MAG torches. CAS LiHD battery delivers enough power for handling even the toughest applications with no cables. 4-wheel drive system with magnetic traction and a feedback loop provide speed stabilisation in various welding positions.

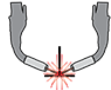
Constant, continuous, and repeatable travel speeds enable weld bead geometry that is exact to the required specifications, thus reducing costly over-welding and substantially decreasing filler metal usage.



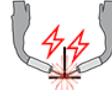
Continuous welding



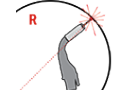
Horizontal speed
0–110 cm/min
(0–43.3 in/min)



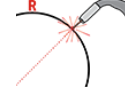
Dual torch welding



Dual arc ignition



Min. path
concave radius
800 mm (31-1/2")



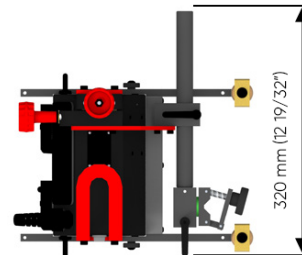
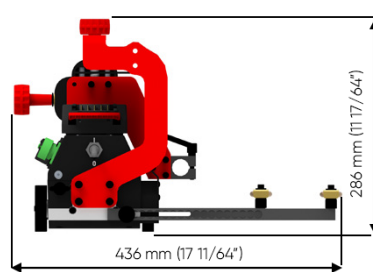
Min. path
convex radius
600 mm (23-5/8")



Weight
8 KG

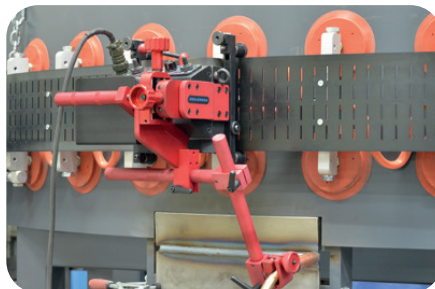
Applications:

- Trailer manufacturing
- Truck tanks
- Oil tanks
- Water storage tanks
- Transformers
- Shipyards
- Any application demanding a long, continuous fillet weld



Primary features and benefits:

- Convenient 18 V DC battery supply (the same battery for both Mini Spider and Gecko Battery).
- LiHD battery ensures maximum power availability for an extremely long time.
- Intelligent battery management for long-lasting battery.
- Digital speed control and stabilisation for high quality welds.
- Multifunctional LED display to present travel speed, units and diagnostic messages.
- Compact, lightweight design with durable aluminium cast housing.
- Optional accessories make the Gecko Battery fit for various applications with carbon steel, stainless steel, and aluminium.



STEELBEAST®

GECKO

COMPACT WELDING TRACTOR

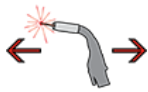


Gecko is a portable trackless welding tractor that features a 4-wheel drive system with magnetic traction and a control loop feedback mechanism that provides speed stabilisation in all welding positions.

Constant, continuous, and repeatable travel speed enables weld bead geometry that is exact to the required specifications, thus reducing costly over-welding and decreasing filler metal usage, substantially. Users can select arc ignition times of up to 5 seconds at the start and end of tractor travel to create a preferred weld fill at both ends. A wide range of accessories makes Gecko suitable for a variety of positions and applications. A compact design tractor weighing 8 kg can be carried anywhere.



Continuous welding



Horizontal speed
0–110 cm/min
(0–43.3 in/min)



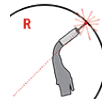
Vertical speed
0–100 cm/min
(0–39.4 in/min)



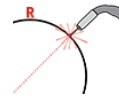
Dual torch welding



Dual arc ignition



Min. path
concave radius
800 mm (31-1/2")



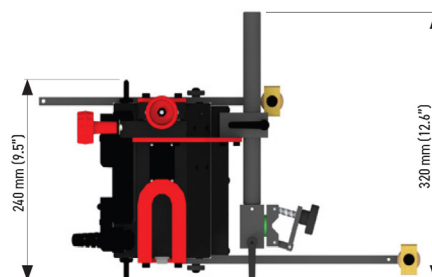
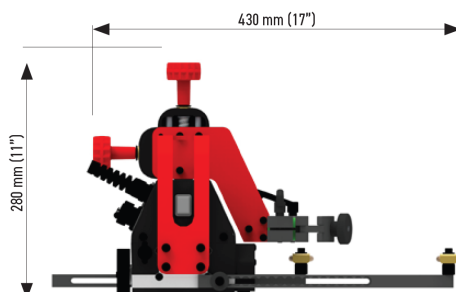
Min. path
convex radius
600 mm (23-5/8")



Weight
8 KG

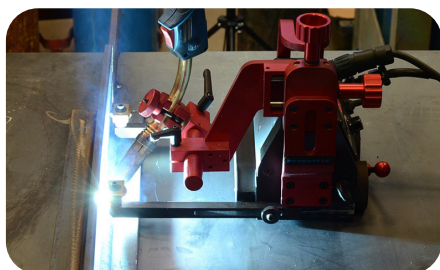
Applications:

- Trailer manufacturing
- Truck tanks
- Oil tanks
- Water storage tanks
- Transformers
- Shipyards
- Any application demanding a long, continuous fillet weld



Primary features and benefits:

- The closed-loop speed control system stabilises travel speed, enabling uniform heat input to produce consistently high-quality welds.
- Multifunctional LED display to present travel speed, units, and diagnostic messages.
- 4-wheel drive magnetic traction permits out-of-position use.
- Possibility of pre-setting the torch activation time before and after the tractor travel for better filling of the weld seam at both ends.
- Convenient Power Supply 115–230 V, 50–60 Hz or 42 V, 50–60 Hz
- Gecko produces consistently high-quality welds and cuts in a fraction of the time of manual operations.
- Reduce wasted filler metal – eliminates over-welding.



STEELBEAST®

LIZARD

PROGRAMMABLE WELDING TRACTOR



Lizard is a portable, programmable, trackless welding tractor designed to produce consistently high-quality welds. It can be programmed in continuous or stitch welding modes.

Welder-friendly two-function buttons enable storage of up to 40 different welding programs for various joint configurations, multi-pass, and multi-layer welds. Constant, continuous, and repeatable travel speed enables weld bead geometry that is exact to the required specifications, thus reducing costly over-welding and substantially decreasing filler metal usage.

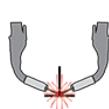
Lizard is capable of producing weave welds by means of an optional pendulum oscillator. The oscillator allows for precise control of weave width, weave speed, and left/right side wall dwell and is particularly useful for vertical welding.



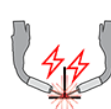
Continuous welding



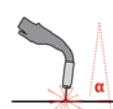
Stitch welding



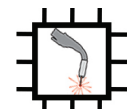
Dual torch welding



Dual arc ignition



Angular Oscillation



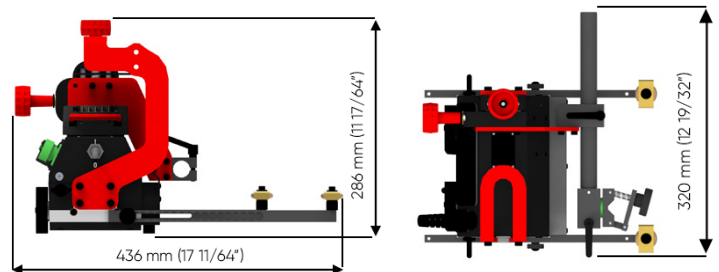
Store up to 40 welding programs



Weight 14 KG

Applications:

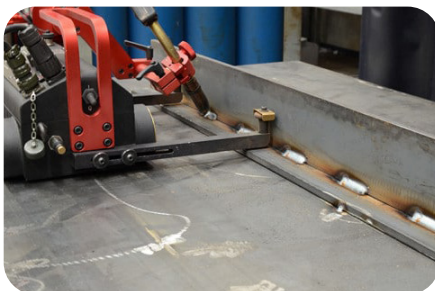
- Trailer manufacturing
- Truck tanks
- Oil tanks
- Water storage tanks
- Transformers
- Shipyards
- Any application demanding a long, continuous fillet weld



Primary features and benefits:

- Up to 40 complete programs may be stored in non-volatile memory to repeat optimum weld procedures.
- Multifunctional LCD and 2-function buttons for programming selected welding patterns and parameters such as weld length, the distance between welds, reverse fill, crater fill time, and others.
- The closed-loop speed control system stabilises travel speed, enabling uniform heat input to produce consistently high-quality welds.
- Lizard travels at full speed between stitches, which saves valuable welding time.
- The optional torch oscillator produces weave welds.
- 4-wheel drive magnetic traction permits out-of-position use.
- Compact, lightweight design with a durable aluminium cast housing.
- Convenient Power Supply 115–230 V, 50–60 Hz or 42 V, 50–60 Hz

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SCORPIO

CORDLESS WELDING TRACTOR



The SCORPIO BATTERY is a battery-powered, programmable welding tractor designed for producing fillet and butt welds in both stitch and continuous welding modes. Its programming function allows you to set the desired welding path by specifying parameters such as weld length, skip length as well as crater filling at the beginning and the end of the welds. The CAS LiHD (High-Density Lithium-ion) battery provides sufficient power for handling even the toughest applications without the need for cables. Travel speed control and stabilisation enable precise matching of weld bead geometry to required specifications, reducing costly over-welding and significantly decreasing filler metal consumption.

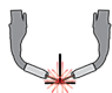
The SCORPIO BATTERY can also produce weave welds with the use of an optional pendulum oscillator, which allows for precise control of weave width, weave speed, and left/right side dwell times.



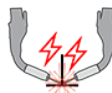
Continuous welding



Stitch welding



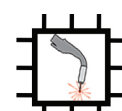
Dual torch welding



Dual arc ignition



Horizontal speed
5–130 cm/min
(2–51 in/min)



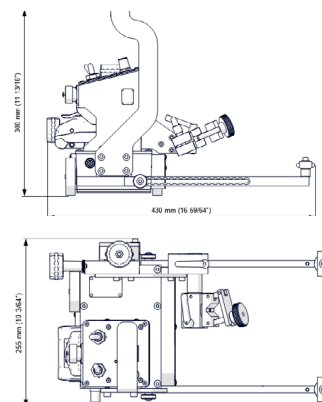
Store up to 40
welding programs



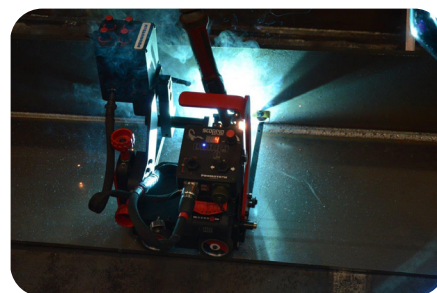
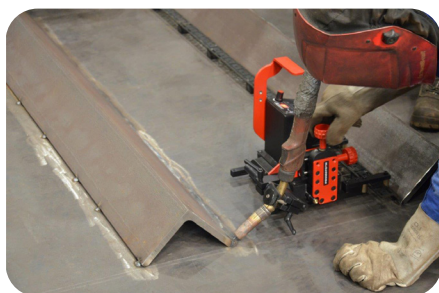
Weight
7 KG

Primary features and benefits:

- Simple and ergonomic programming of welding patterns and stitch welding parameters.
- Multifunctional LED display presenting travel speed, units, welding settings, and diagnostic messages.
- Closed-loop speed control system stabilises travel speed enabling uniform heat input for consistently high-quality welds.
- 18 V DC battery supply (High-Density Lithium-ion battery) ensures maximum power availability for extended periods.
- Intelligent battery management for long-lasting performance.
- 4-wheel drive system with magnetic traction for stable movement.
- Compact, lightweight design with durable aluminium cast housing.
- Optional pendulum oscillator for producing weave welds.
- Auxiliary accessories make the SCORPIO suitable for various applications with carbon steel, stainless steel, and aluminium.
- Equipped with limit switches



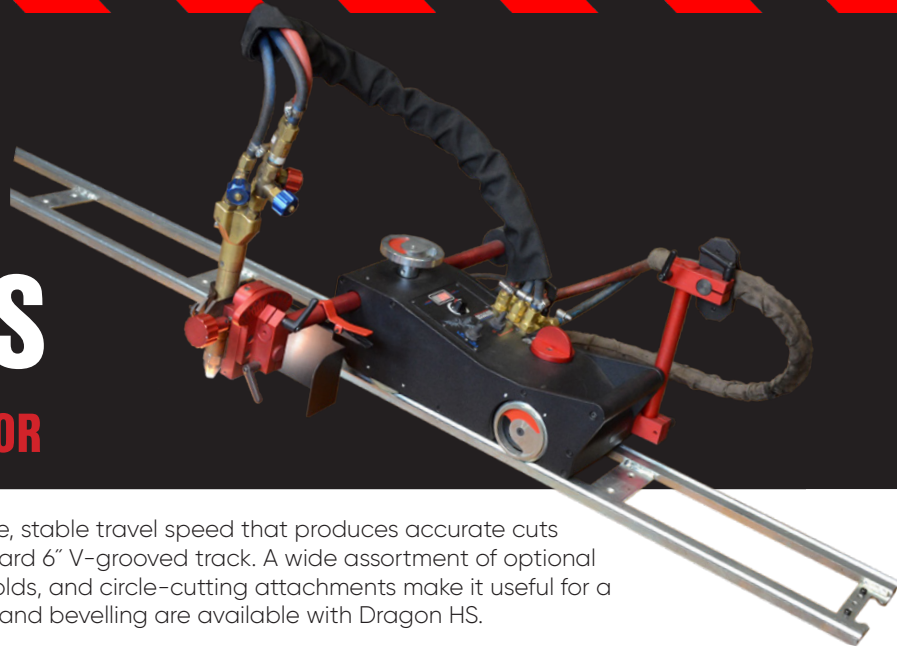
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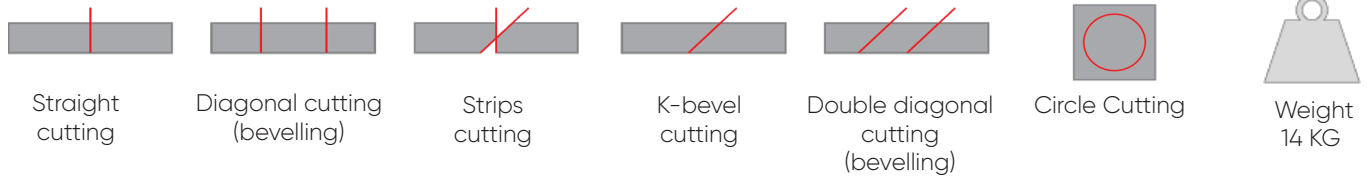
STEELBEAST®

DRAGON / HS

CUTTING & BEVELLING TRACTOR

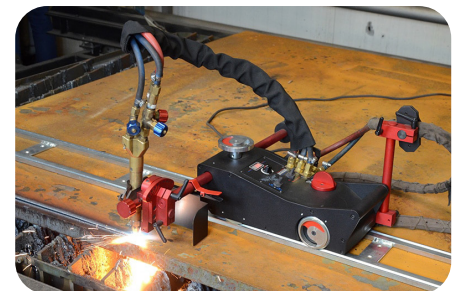
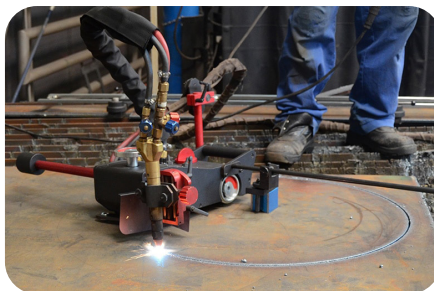
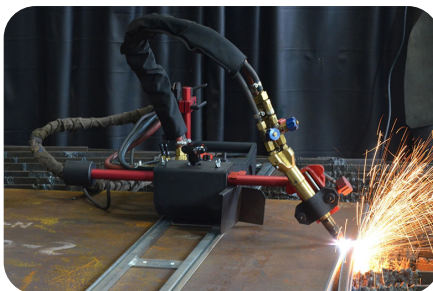
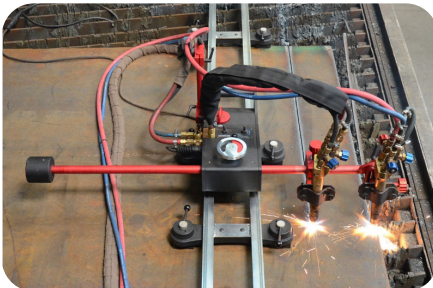
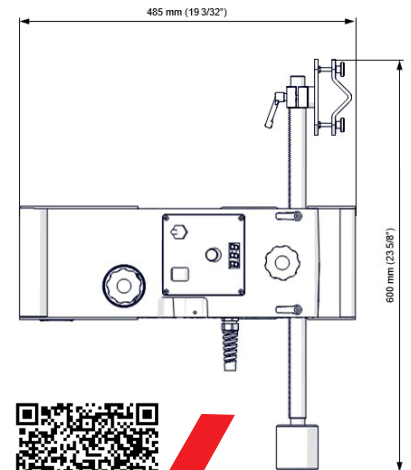
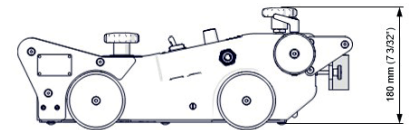


Dragon is a flame-cutting tractor featuring a precise, stable travel speed that produces accurate cuts and bevels. The machine can be used on any standard 6" V-grooved track. A wide assortment of optional accessories like machine barrel torch holders, manifolds, and circle-cutting attachments make it useful for a variety of applications. High-speed plasma cutting and beveling are available with Dragon HS.



Primary features and benefits:

- Digital speed control and stabilisation for high-quality cuts.
- Cutting and beveling up to 45° (also parallel, by means of 2 torches).
- LED display with a readout of actual and set speed, and report messages.
- Quick drive release switch for easy re-positioning.
- Runs on a rail or directly on a workpiece.
- Convenient Power Supply 115–230 V, 50–60 Hz
- The 42V AC version is also available.

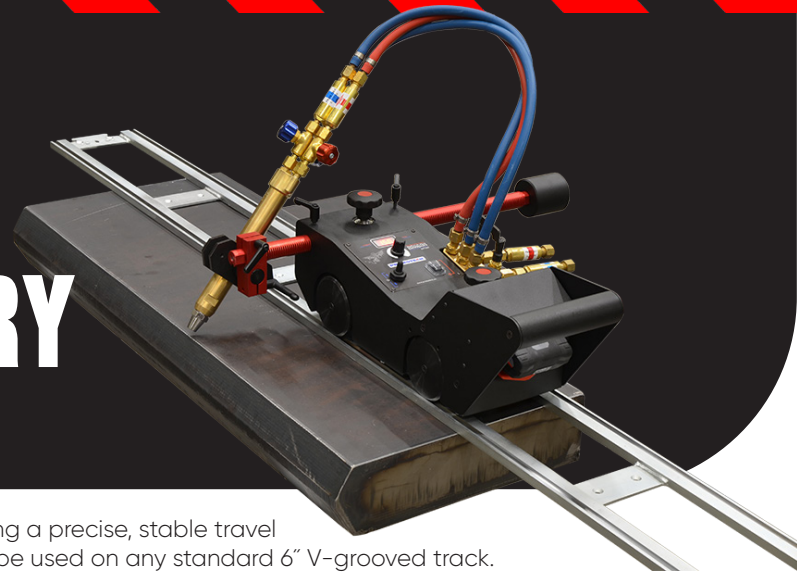


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DRAGON BATTERY

MOBILE WELDING TRACTOR



The DRAGON BATTERY is a cordless thermal cutting tractor featuring a precise, stable travel speed that produces accurate cuts and bevels. The machine can be used on any standard 6" V-grooved track.

The DRAGON BATTERY is powered by a LiHD (High-Density Lithium-ion) battery that provides enough power to handle the most challenging applications without power cables. Intelligent battery management ensures long life and safe operation. A wide assortment of optional accessories like machine barrel torch holders, manifolds, circle-cutting attachments and plasma kit make it useful for a variety of applications.



Straight cutting



Diagonal cutting (beveling)



Strips cutting



K-bevel cutting



Double diagonal cutting (beveling)



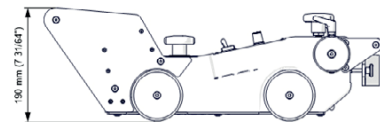
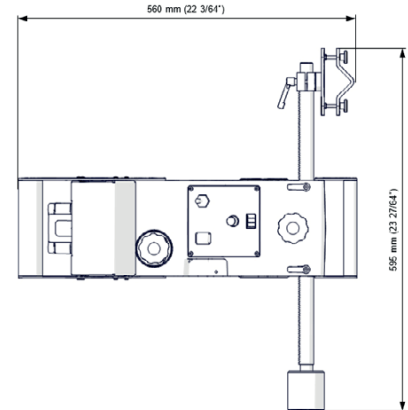
Circle Cutting



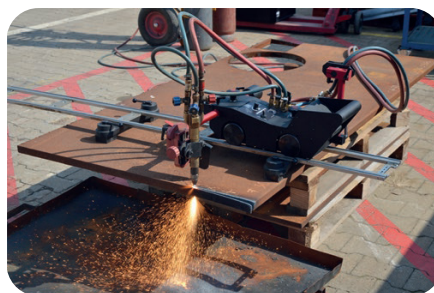
Weight
14 KG

Primary features and benefits:

- Ideal for use in the field - no need for mains power and one less cable to carry around.
- Conveniently powered by an 18-volt DC battery.
- The LiHD battery, supported by intelligent battery management, ensures maximum power availability for an extended period.
- Digital speed control and stabilisation for high-quality cuts.
- Cutting and beveling up to 45° (also parallel, using 2 torches).
- LED display with readouts of both actual and set speeds, as well as report messages.
- Runs on a rail or directly on a workpiece.
- Quick drive release switch for easy re-positioning.
- Ergonomic handles on both sides make it easy to carry the tractor.



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RAIL BULL

TRACK WELDING TRACTOR WITH OSCILLATOR

RAIL BULL is a digitally controlled welding tractor with an integrated linear oscillator that produces straight and trapezoid weld paths. The tractor can move along rigid or semi-flexible tracks and is suitable for variety of circumferential and irregular surface applications down to min. radius of 5000 mm.

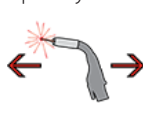
The tracks can be clamped to ferrous materials with magnetic units and to non-ferrous materials by means of a vacuum track system incl. vacuum pump and vacuum units. Featuring a rack and pinion drive system with electronic speed control, RAIL BULL can produce consistent, high-quality welds in flat, vertical, or horizontal positions.



Continuous welding



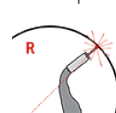
Linear oscillation with trapezoid and straight line paths



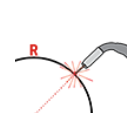
Horizontal speed 0–120 cm/min



Vertical speed 0–110 cm/min



Min. path concave radius 5000 mm



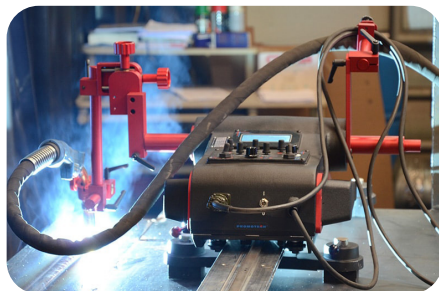
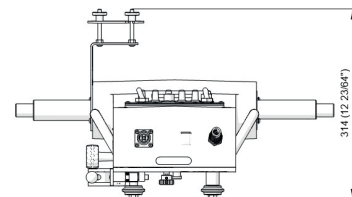
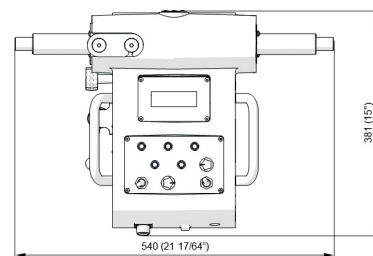
Min. path convex radius 5000 mm



Weight 14 KG

Primary features and benefits:

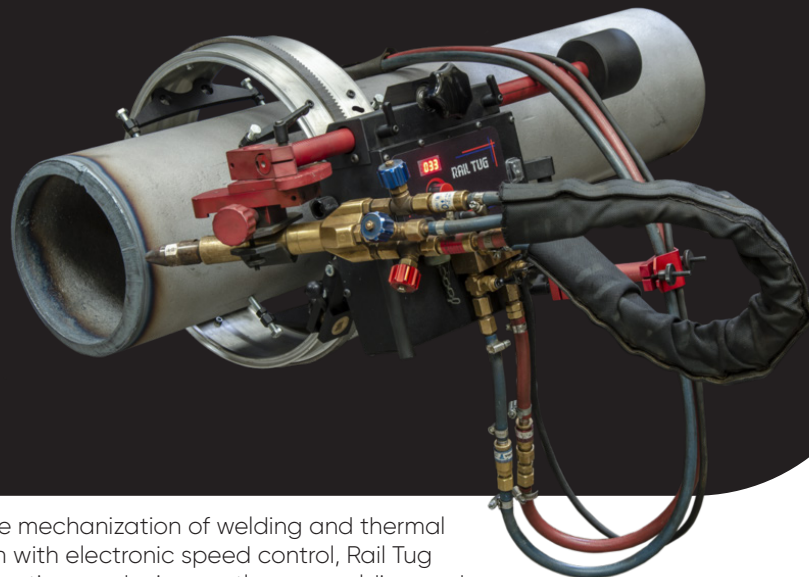
- Closed loop position control system based on an electric motor with an encoder ensures increased accuracy of speed and positioning.
- Integrated linear oscillator for weave welding and overlay.
- Multifunctional LCD shows process parameters and warnings.
- Compact, lightweight design with a durable aluminium cast housing.
- Convenient power supply 115–230 V, 50–60 Hz or 42 V, 50–60 Hz.
- Rail Bull produces consistently high-quality welds and cuts in a fraction of the time required by manual operations.



STEELBEAST®

RAIL TUG

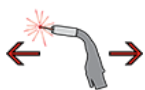
TRACK WELDING & CUTTING TRACTOR



The Rail Tug is a digitally controlled tractor designed for the mechanization of welding and thermal cutting processes. Featuring a rack and pinion drive system with electronic speed control, Rail Tug creates weld bead geometry which is exact to your specifications, reducing costly over-welding and decreasing filler metal usage. It can be used with semi-flexible tracks for plate and tank work with a minimum radius of 5 m (16 ft) or adapted to bent ring rail for pipe and tube applications. Hi-Flex tracks are suitable for variety of circumferential and irregular surface applications down to minimum radius of 750 mm (30") Standard ring tracks are available for tube diameters from 200 mm (8") up to 3000 mm (10 ft). Using a vacuum system allows the tracks to be clamped to non-ferrous surfaces (stainless steel, aluminium etc.) The Rail Tug economically meets a broad array of welding and cutting applications on flat or curved plate, tube, and pipe.



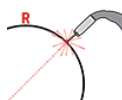
Continuous welding



Horizontal speed 10–200 cm/min



Vertical speed 10–200 cm/min



Min. path convex radius for semi-flexible tracks is 5 m (16 ft)



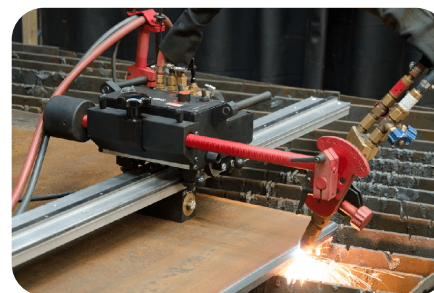
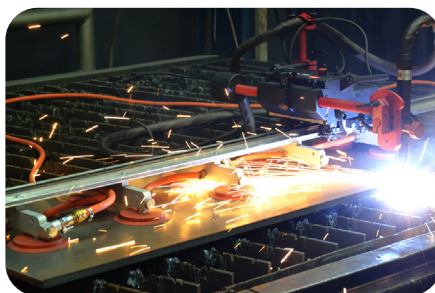
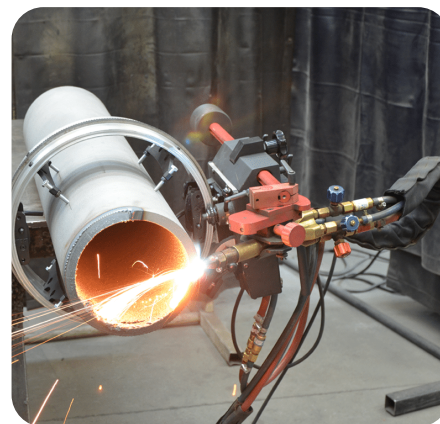
Min. path concave radius 5000 mm



Linear oscillation with trapezoid and straight line paths

Primary features and benefits:

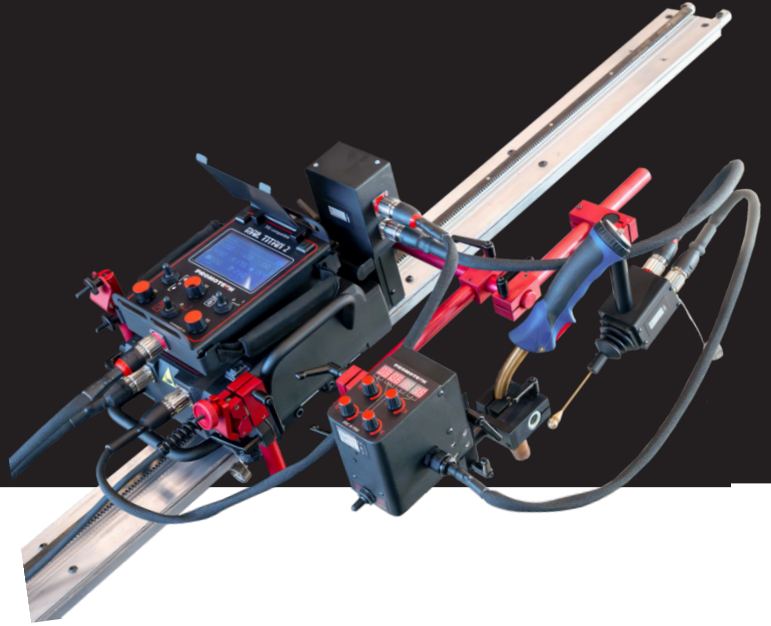
- Compact, lightweight design.
- Closed-loop speed control system.
- Rack and pinion drive.
- Consistent heat input reduces distortion.
- Reduces wasted filler metal – eliminates over welding.
- Digital LED display for presetting of travel speed.
- Automatic arc on/off initiates welding and travel simultaneously.
- Oxy-fuel and plasma cutting possible with optional accessories.
- Suitable for variety of circumferential and irregular surface applications.
- Ring tracks on Ø from 200 mm (8") OD up to 3 m (10 ft) OD.
- Hi-Flex tracks on Ø from 1500 mm (59") OD upwards.
- Semi-flexible tracks can be bent to minimum radius of 5 m (16 ft).
- Quick-clamping torch holder mechanism for different types of torches.
- Improves working environment – removes operator from heat and fumes.



STEELBEAST®

RAIL TITAN

MODULAR TIG-MIG-MAG WELDING & CUTTING RAIL TRACTOR



Rail Titan 2 is a fully modular mechanised tractor that can be customised for various applications, including TIG, MIG, MAG welding, oxy-fuel cutting, and plasma cutting and gouging. It works effectively on flat or curved plates, tubes, and pipes. The linear torch oscillator is capable of producing straight, triangular, trapezoidal, and square weld paths.

The Rail Titan 2 can travel on various types of tracks: hi-flex, semi-flexible, rigid, or ring tracks. These tracks can be securely attached to ferrous materials using magnetic units, while non-ferrous materials can be accommodated with a vacuum track system that includes a vacuum pump and vacuum units.



Horizontal
speed
0–250
cm/min



Custom rolled
tracks from
3 m (10 ft) OD
up to 10 m (32 ft)
OD



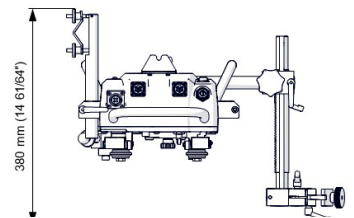
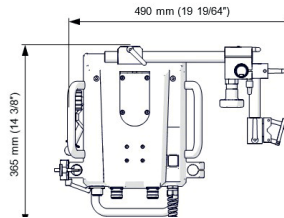
Ring tracks from
200 mm
(8") OD up to 3 m
(10 ft) OD



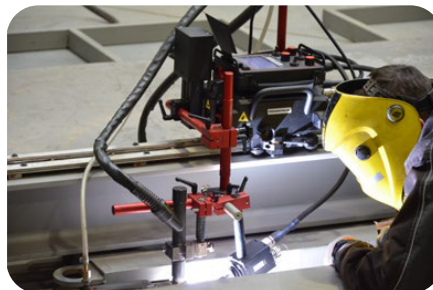
Hi Flex Track
min OD 1500 mm
(5 ft)
min ID 3400 mm
(11 ft)

Primary features and benefits:

- Suitable for TIG welding (HF resistant)
- Mirror Switch function
- Robust design with die-cast aluminium housing
- Ergonomic remote control pendant with simple and easy-to-find control knobs makes adjustments possible without lifting the operator's welding hood
- Programmable path of stitch welds
- Suitable for a variety of circumferential and irregular surface applications down to min. radius of 100 mm (4")
- Ring tracks on diameters from 200 mm (8") OD up to 3 m (10 ft) OD
- Hi-Flex tracks on diameters from 1500 mm (59") OD upwards
- Semi-flexible tracks can be flexed to a minimum radius of 5 m (16 ft) without permanent deformation



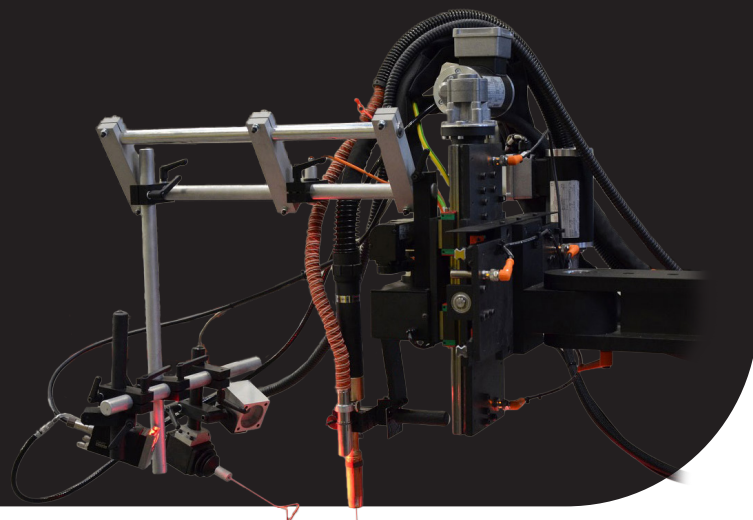
**FOR
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STEEL BEAST®

JTS

AUTOMATIC JOINT TRACKING SYSTEM

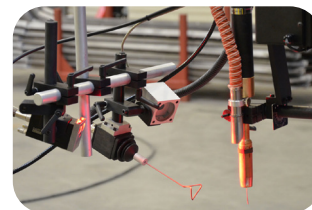


The Joint Tracking System automatically guides the welding torch properly with respect to the weld joint on two axes. It is suitable for GMAW, GTAW, FCAW and SAW applications and can be fitted to column and boom welding manipulators, gantry welding systems, and other purpose-designed welding systems.

The electro-mechanical seam tracking system maintains the correct position of the welding torch relative to the welding groove set at the beginning. Any changes in inclination of a tracking sensor tip generate electrical signal resulting in active compensation of torch position and its motion up to 200 mm in both axes of standard motorised cross slide system. Movement range can be customised upon customer's request.

Primary features and benefits:

- Standard movement range of 200 x 200 mm.
- Electro-mechanical joint tracking system with high-precision line guides ensures precise and smooth motion of 2 axes (up-down, right-left).
- Real-time compensation of head position relative to the welding groove.
- Minimised welding defects and grinding.
- Cross slide can be tailored to customers' needs.
- User-friendly control pendant.
- Possibility to track only in one Z-axis (up-down) useful for butt welding.
- Possibility to integrate with welding oscillator.
- JTS system is perfect for fillet and butt welding in tanks, vessels as well as construction beams.
- Oscillation unit available as option.



OSC-8 PENDULUM WEAVE WELDER

Whether you're working in pipeline construction, shipbuilding, or heavy fabrication, the OSC-8 Pendulum Oscillator is designed to optimise welding quality, increase productivity, and improve control over the welding process.

The OSC-8 pendulum oscillator is designed to oscillate MIG/MAG torches with the diameter of 16–22 mm (5/8–7/8"). The oscillator is installed onto a 22 mm (7/8") diameter rod and connected to a welding device. It can be controlled manually or by using an external START-STOP switch. Using an optional freestanding support allows welding of rotating pipes or moving plates. An optional power supply allows connecting the oscillator to a 230 V or 115V power source.

Features & benefits:

- Lightweight and compact design.
- Two control modes: manual and external start.
- Four adjustable parameters (oscillation width, oscillation speed, oscillation dwell time on ends).
- Simple control panel (four knobs).
- Can work as a stand-alone device or be a part of the more advanced welding system.
- The optimal solution for various welding applications.



STEELBEAST®

TRACKS & ACCESSORIES

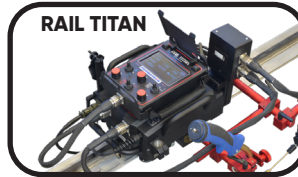
RING TRACKS

- For circumferential applications from 200 mm OD up to 3000 mm OD (from 8" to 10 ft).
- Consists of either two or four segments depending on the workpiece diameter.
- Nominal OD diameter can be adjusted upwards by 50 mm.
- Nominal OD diameter can be adjusted downward by 50 mm by means of optional bracket for ring track supports.
- Can be fixed on both ferrous & non-ferrous materials by means of 3 types of supports.



FOR USE WITH

RAIL TITAN



RAIL TUG

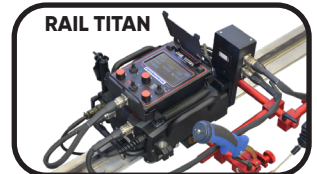


HI-FLEX TRACK

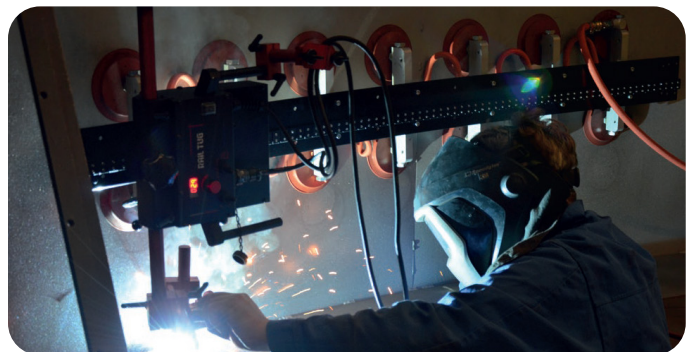
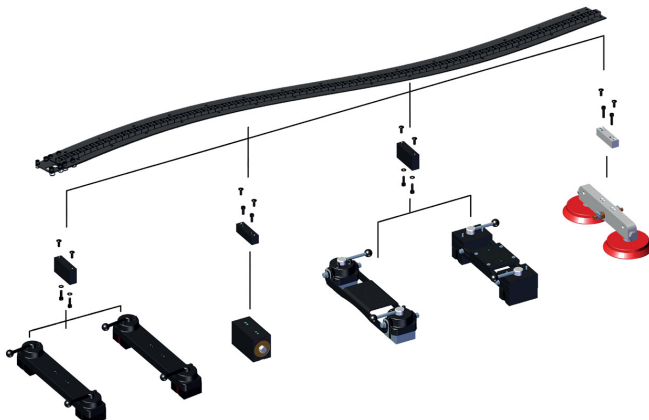
- For circumferential, irregular, and straight line applications.
- Minimum curve radius on a convex surface is 0.75 m (30").
- Minimum curve radius on a concave surface is 1.7 m (67").
- Minimum OD 1.5 m (60") for external run.
- Length of a single rail 1.52 m (5 ft).
- The maximum number of units is 15 pcs (if narrow magnetic units are used).
- Joinable for unlimited run length.
- Can be fixed on both ferrous and non-ferrous materials by means of magnetic or vacuum units to allow travel in any plane or position..

FOR USE WITH

RAIL TITAN



RAIL TUG



STEEL BEAST®

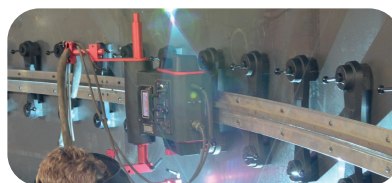
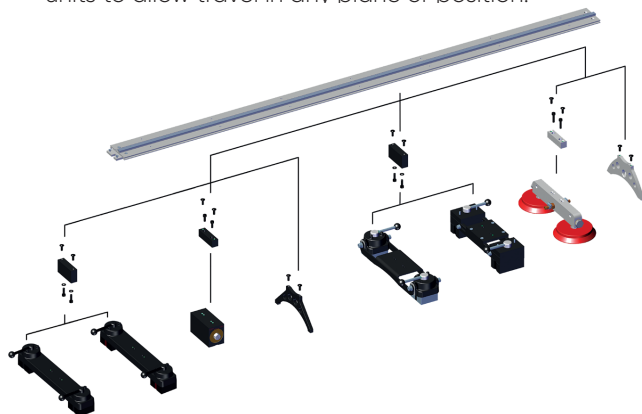
TRACKS & ACCESSORIES

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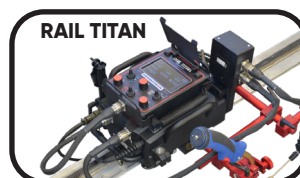
SEMI-FLEXIBLE TRACK

- For circumferential, irregular, and straight line applications.
- Minimum radius of 5.0 m (16 ft) or 10.0 m (32 ft) diameter without permanent deformation.
- Length of a single rail 2 m (6.5 ft).
- Joinable for unlimited run length.
- Can be fixed on both ferrous and non-ferrous materials by means of magnetic or vacuum units to allow travel in any plane or position.



FOR USE WITH

RAIL TITAN



RAIL TUG

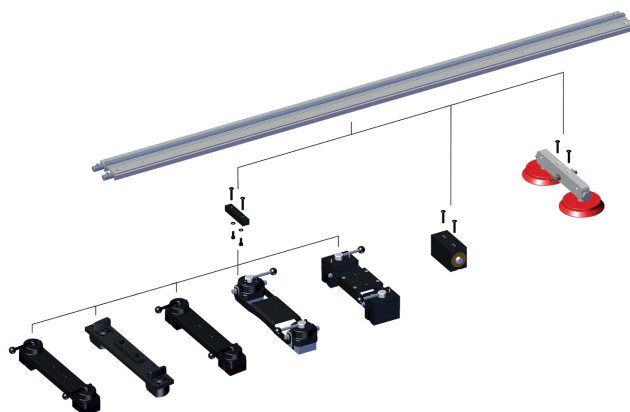


RAIL BULL



RIGID TRACK

- For straight line applications incl. out of workpiece position.
- Length of a single rail 2 m (6.5 ft).
- Cannot be bent at all.
- Joinable for unlimited run length.
- Can be fixed on both ferrous and non-ferrous materials by means of magnetic or vacuum units to allow travel in any plane or position.



FOR USE WITH

RAIL TITAN



RAIL TUG



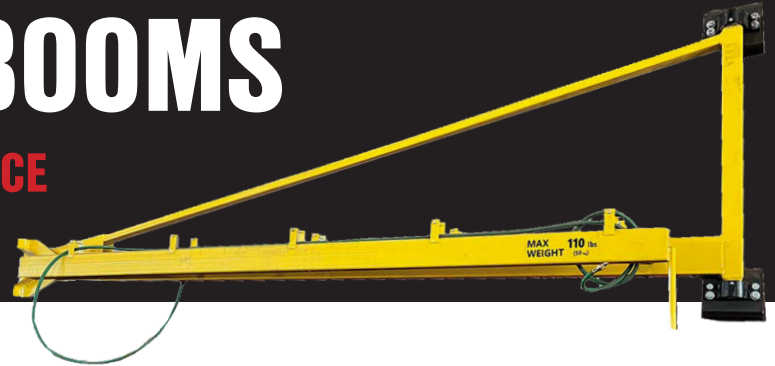
RAIL BULL





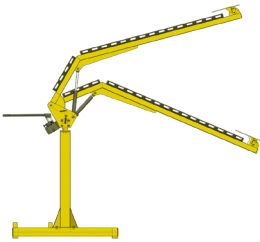
WIRE FEEDER BOOMS

OPTIMISE YOUR WELDING WORKSPACE
VERSATILE, PRACTICAL, & SAFE

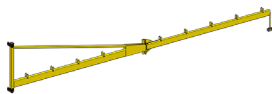


Primary features and benefits:

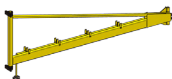
- Extended workspace.
- More freedom of movement over a significantly larger area compared to the traditional setup.
- No wires on the floor.
- No mess of tangled cables that in extreme cases can be outright dangerous.
- More convenient welding of bigger and complex constructions.
- Simple and robust device.
- Can be easily mounted to the construction elements of the production halls with no need for any additional infrastructure.
- Permissible load: up to 50 kg



The hydraulic wire feeder boom was engineered as a valuable addition to a welder's workspace, capable of accommodating both the power source and wire feeder. The ergonomic and efficient design of the wire feeder enhances the welder's tasks, rendering them more streamlined and productive. The lifting, lowering, and rotation features of the Hydraulic wire feeder boom expand the workspace and facilitate effortless relocation of the unit throughout the shop floor.

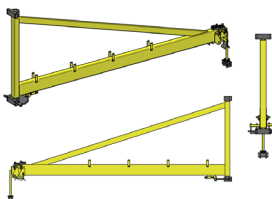


Expertly designed to enhance manufacturing floor space efficiency and ensure workplace safety, our telescopic wire feeder booms are indispensable devices for welders. These versatile tools streamline fabrication areas by relocating welding cables overhead, offering superior cable management and safety. The telescopic wire feeder, with its adjustable reach and rotational capability up to 180° around the vertical axis, provides enhanced safety, organisation, and productivity. Choose from two models, each offering different reach options and versatile holder types, ensuring compatibility with various welding setups.



Select from two distinct holder types: R type or L type, providing tailored support for your welding equipment. With four diverse models available, each engineered to meet different operational demands, our wire feeder booms offer unparalleled versatility and functionality for your welding endeavours.

The Wall Mounted Pivot Wire Feeder streamlines operations in large fabrication facilities by eliminating cumbersome equipment transfers and enhancing welder mobility.



This pivot joint wire feeder boom is designed to support and position welding wire feeder units with minimal effort. With an adjustable reach ranging from 121" (3100 mm) to 235" (6000 mm), and a 180° rotation capability around the vertical axis, it offers unparalleled versatility.

Featuring two frame options – welded or bolted – for convenient self-assembly upon shipping, and two adjustable ranges of movable arms (up to approximately 6000 mm or 8000 mm), as well as two holder types (R type or L type), there are eight unique models available to cater to diverse operational needs.

STEELBEAST®

COLUMN & BOOMS

**INTEGRATES WITH SAW SINGLE OR TANDEM,
MIG/MAG, TIG, OR PLASMA.**

Column & Booms are available in several standard or custom-made versions. Depending on the type Column & Booms can be fitted with SAW SINGLE or TANDEM, MIG/MAG, TIG or PLASMA.



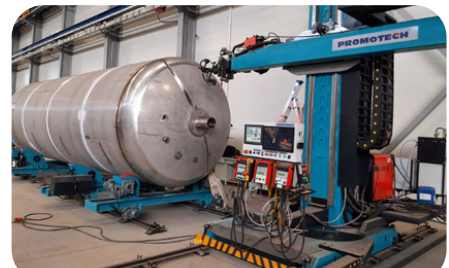
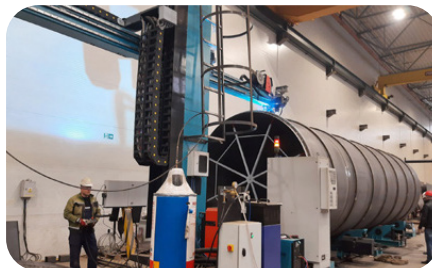
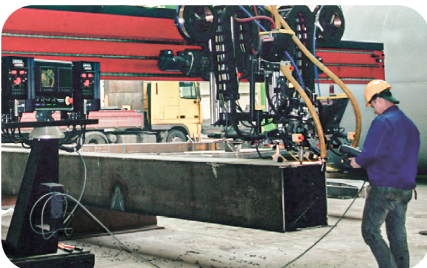
All our Column & Booms are equipped with passive safety systems such as safety chains, automatic brakes on a gear motor in case of power failure.

Active safety systems such as limit switches to prevent collisions are also standard.

Column & Boom can be integrated with other equipment working in the system such as roller beds or other welding positioners.

Column & Boom can be integrated with other equipment working in the system such as roller beds or other welding positioners.

Can be integrated with a power source controller and an additional device e.g. rotator and/or a welding positioner.

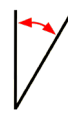
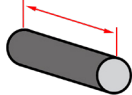
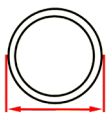


STEELBEAST® PIPE PROFILE CUTTING MACHINE

PPCM-650 & PPCM-1500



The CNC controlled Pipe Profile Cutting Machine allows 3D cutting/bevelling using oxy-fuel or plasma. Advanced design and top-quality components enable fast and efficient cutting with top-quality results. The most important feature and advantage of the PPCM-650 & the PPCM-1500 is the user-friendly software, which includes a wide scope of standard macros representing typical cutting shapes. An integrated library of macros allows for the parametric definition of typical pipe joints and fast shape programming on-site directly from the machines' control panel just after a short training. Off-line programming is also possible by means of dedicated PPCM SIM PC software containing the same macros library. Pipe joints can be prepared remotely in the office to keep the machine operating, increasing process efficiency, and reducing downtime.



PPCM-650: Pipe OD 50 to 650 mm	Max. pipe length 6 or 12 m	Pipe weight up to (PPCM-650) 3,000 KG (PPCM-1500) up to 10,000 KG	Wall thickness: 3 – 50 mm	Max. cutting angle: 45 degree	3D Oxy-fuel cutting Acetylene (standard) Propane (option)	3D Plasma cutting (option)	CAD/CAM file transfer through Lantek Flex 3D Tubes (option)
PPCM-1150: Pipe OD 100 to 1524 mm							

Features and benefits of both the PPCM-650 & PPCM-1150:

- User-friendly software, including a library of macros for most typical cutting shapes.
- Automatic compensation of cutting speed depending on the material thickness, torch angle, and cutting direction.
- Heavy-duty rigid constructions.
- Well-proven in the most demanding environments.
- Easy access to gas valves.
- Fume exhaust system through spindle (option).
- Additional torch to heat up the material (option).

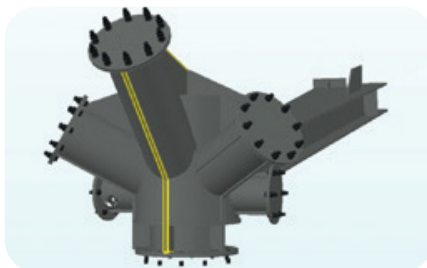
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PPCM-650



PPCM-1500



STEELBEAST® WELDING POSITIONERS

PRO-WP 150 / PRO-WP 300

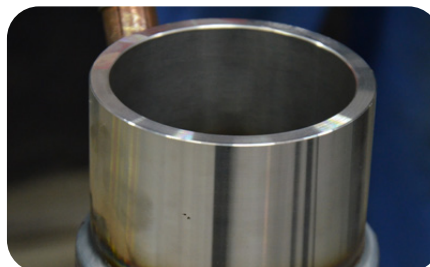
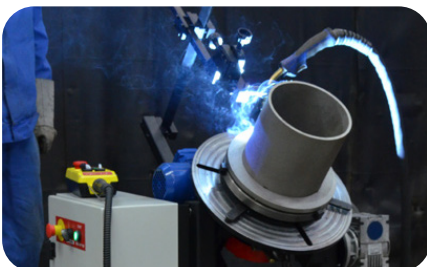


The welding positioners enable round or tubular pieces of metal to be rotated easily, provide better weld seam accessibility, can help produce high-quality welds, and increase deposition rates. The frequency inverter ensures continuous speed adjustment and speed stabilisation at the set value. They reduce time and effort for the welders, who can focus on their job with no need to constantly move around their workspace in order to get the best position. The compact design takes up minimal floor space, and tilting up to 90 degrees improves the ergonomics of the workspace. The selection of various auxiliary accessories makes it possible to create an advanced modular welding station and customise it depending on required welding or cutting applications to maximise production efficiency.

Features and benefits of the PRO-WP 150 & PRO-WP 300:

- Left or right rotation.
- Continuous speed adjustment.
- Speed stabilisation within full speed range from 0.12 rpm up to 2.4 rpm.
- Start/Stop (both controller and foot pedal).
- Arc ignition.
- Remote control.
- Foot pedal for hands-free operation.
- Heavy-duty construction.
- Lots of auxiliary accessories enable the building of a modular welding station tailored for various welding and cutting applications.

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PUNCHING, SAWING, &
GRINDING MACHINES.**



PLATE AND PIPE BEVELLING



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